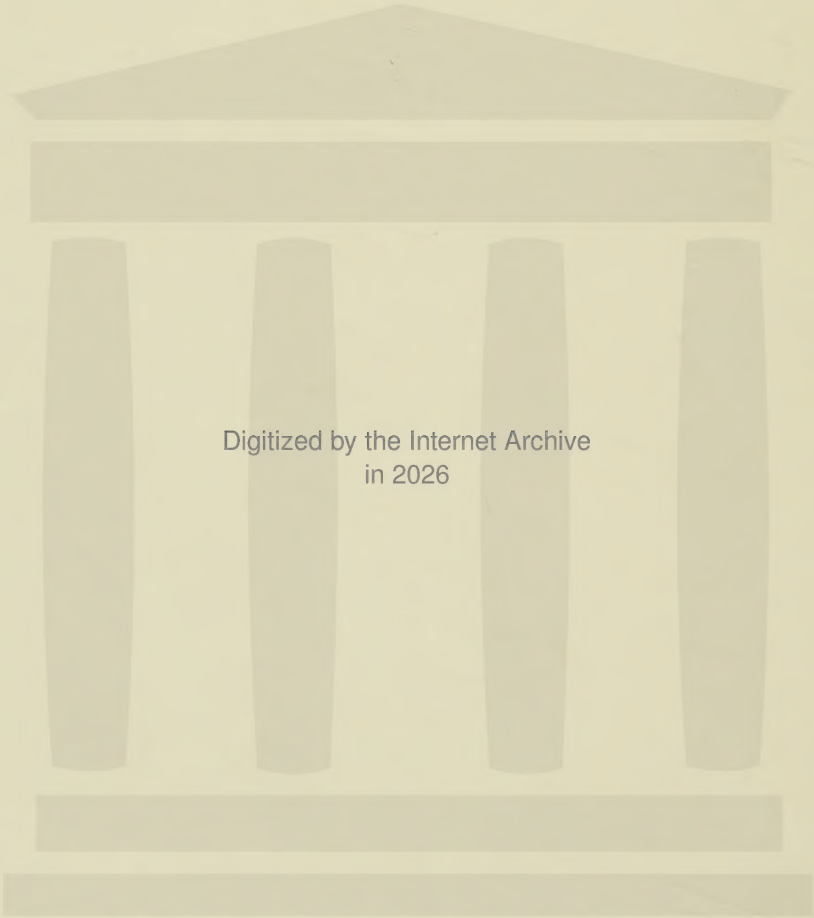

Digitized by the Internet Archive
in 2026

https://archive.org/details/journal-of-mathematical-psychology_1976_14_contents

Journal of Mathematical Psychology

Volume 14, 1976

EDITOR:

William H. Batchelder
University of California, Irvine

BOARD OF EDITORS:

Richard C. Atkinson
Stanford University

Robert Audley
University College, London

Clyde H. Coombs
University of Michigan

William K. Estes
Rockefeller University

Jean-Claude Falmagne
New York University

James G. Greeno
University of Michigan

Tarow Indow
Keio University, Japan

David H. Krantz
University of Michigan

R. Duncan Luce
Harvard University

M. Frank Norman
University of Pennsylvania

J. E. Keith Smith
University of Michigan

Patrick Suppes
Stanford University

Amos Tversky
Hebrew University, Jerusalem

ACADEMIC PRESS
New York and London
A Subsidiary of Harcourt Brace Jovanovich, Publishers

Copyright © 1976 by Academic Press, Inc.
All Rights Reserved

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the copyright owner.

Printed by the St. Catherine Press, Ltd., Bruges, Belgium

CONTENTS OF VOLUME 14

Number 1, August 1976

James T. Townsend. A Stochastic Theory of Matching Processes 1
Stephen Ambler. A Comparison of Two Models for Performance under Fixed Interval Schedules of Reinforcement 53
Renwick E. Curry. Sufficient Conditions for the Uniqueness of Parameter Estimates from Binary-Response Data 72
Brown Grier. The Optimal Number of Alternatives at a Choice Point with Travel Time Considered 91

Number 2, October 1976

Peter C. Fishburn. Binary Choice Probabilities between Gambles: Interlocking Expected Utility Models 99
Henry M. Halff. Parameterization of Markov Models for Two-Stage Learning 123
M. Frank Norman. Optional Shift, and Discrimination Learning with Redundant Relevant Dimensions: Predictions of an Attentional Model . . 130
Thomas S. Wallsten. Using Conjoint-Measurement Models to Investigate a Theory about Probabilistic Information Processing 144

Number 3, December 1976

Lawrence Hubert and Patricia Busk. Normative Location Theory: Placement in Continuous Space 187
Fred S. Roberts and Charles H. Franke. On the Theory of Uniqueness in Measurement 211
James T. Townsend. Serial and Within-Stage Independent Parallel Model Equivalence on the Minimum Completion Time 219
Tony E. Smith. Scalable Choice Models 239
Henry M. Halff. Choice Theories for Differentially Comparable Alternatives 244
S. P. Marshall. A Monte Carlo Study of the Hoyt Reliability Coefficient in the Bower–Trabasso Model 247
A. A. J. Marley. A Revision of the Response Ratio Hypothesis for Magnitude Estimation 252
Program for Mathematical Psychology 9th Annual Meeting 255
Erratum 260
Announcement 261
Author Index for Volume 14 262